

EARTH RESOURCES TECHNOLOGY SATELLITE -- A PROGRAM

CR-130285

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Progress Report: Type: II
Number: 1

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Title: Investigation of Satellite Imagery for Regional Planning

Proposal No.: 219

Contractor: Tri-State Regional Planning Commission
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Principal Investigator Number: ST-345

Progress

During the past 6 months usable imagery has been received in 70 mm. negative and transparency form.

The study area has been completely covered by imagery on 6 different orbits between July 28, 1972 and October 27, 1972.

Paper prints (9" x 9") have been supplied for 2 orbits July 28, 1972 and August 16, 1972.

We intend to use our own photographic equipment and laboratory to enlarge the negatives to our regional base scale of 1:250,000. Problems with the procurement of specific equipment (lens) have delayed this operation

FIRST LOOK RESULTS

MSS Band 5 - Vacant land and developed land are discernable on Black and White 9" x 9" prints. The exact boundaries of each category is not readily observed. Major highways are also discernable. A recently built section of highway was distinctly visible from all roads.

MSS Band 7 - This particular band clearly separates water from land. Water bodies of regional significant are observable.

All indications are that the imagery is usable and further analysis is warranted. No change in investigative plans are requested.

(E73-10038) INVESTIGATION OF SATELLITE
IMAGERY FOR REGIONAL PLANNING Progress
Report (TRI-State Regional Planning
Commission) 1 p HC \$3.00

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